AMPP’s Bright Future Built On a Solid Foundation
Agenda

Before the Merge

AMPP Strategic Plan 2022-2025

AMPP Today

Events

Stay Informed
Before the Merge - Timeline Recap

- **2018**
  - Exploratory Meetings

- **2019**
  - Task Group Meetings & Board Updates
  - Board & Member Voting

- **1st Half 2020**
  - Integration, Branding & Legal Documentation

- **2nd Half 2020**
  - NewOrg Launch
Legacy Organizations

NACE International, The Corrosion Society

• Established in 1943 as National Association of Corrosion Engineers
• HQ in Houston with offices in 7 Countries
• Source for:
  • Technical training and certification programs
  • Conferences
  • Industry standards
  • Reports
  • Publications
  • Technical journals
  • Government relations

SSPC: The Society for Protective Coatings

• Founded in 1950 as the Steel Structures Painting Council
• HQ in Pittsburgh
• Source of information on:
  • Surface preparation
  • Coating selection
  • Coating application
  • Environmental regulations
  • Health and safety
Benefits of Merging

Unified Voice
Standardization
International Growth
Simplification
Integration
Expansion of Professional Networks
Guiding Principles

• Carried out all discussions as equals.
• Agreed combined organization must continue to offer: Certifications, education/training, standards development, and government relations/advocacy.
• Both brands and trade names must endure within AMPP.
• Retain Pittsburgh and Houston offices and all staff.
**Branding AMPP**

AMPP strives to achieve a **safer, protected, and sustainable** world through member and workforce education, technological innovation, and global standardization.

Keeping this in mind, the association's visual identity was strategically designed to convey a sense of:

- Protection
- Strength
- Global reach
- Energy
- Innovation
Association for Materials Protection and Performance

• Combines 145 years of NACE and SSPC’s corrosion control and protective coatings expertise, resources, and member services
• Single point for industry’s leading certification programs
• Built to serve global membership
• Expanded membership brings opportunities for more collaborative efforts and advocacy influence
Strategic Plan
2022-2025
Strategic Planning Principles

- Research and Data-Driven
- Inclusive, Collaborative, Candid
- Iterative, Adaptive
- Intuitive, Understandable
- Future-Focused: 2022-2025
AMPP Mission and Vision

Mission

• Advancing materials performance to protect society, assets, and the environment.

Vision

• A world built and protected with safe, reliable, sustainable materials.
**STRATEGY MAP HIGHLIGHTS**

* Increased emphasis on diversity, equity, and inclusion in workforce and organizational excellence

* Demonstrated commitment to AMPP’s standards portfolio

* Each goal corresponds to a specific outcome

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**Mission**
Advancing materials performance to protect society, assets, and the environment.

**Vision**
A world built and protected with safe, reliable, sustainable materials.

<table>
<thead>
<tr>
<th>Goals</th>
<th>Objectives</th>
</tr>
</thead>
</table>
| Knowledge: Establish AMPP as the global leader in the creation, dissemination and application of materials protection and performance knowledge. | 1. Ensure that AMPP’s portfolio of certification, education and standards are continually aligned to the ongoing and emerging needs of the marketplace.  
2. Implement a best-in-class, globally-connected system to improve access to content and learning resources. |
| Workforce: Grow, educate, credential, qualify and engage a diverse global materials protection workforce. | 3. Strengthen the size and diversity of the workforce pipeline through targeted outreach and engagement.  
4. Amplify workforce value proposition in collaboration with industry partners and other key stakeholders. |
| Organizational Excellence: Invest in the people and technology that will ensure AMPP is an agile, responsive, diverse organization known for its ability to deliver timely, relevant content and meaningful connections for its members and stakeholders. | 5. Expand and enhance staff and volunteer capabilities to meet diverse member and industry needs.  
6. Align AMPP’s constituencies and communities to foster inclusivity and drive the success of the strategic plan. |
| Sustainability: Champion innovations and solutions for a safer world that will strengthen the environmental sustainability of the world’s physical assets. | 7. Develop practical solutions that address emerging challenges for a safer and more sustainable world.  
8. Enhance industry’s ability to adopt sustainable business practices. |
| Advocacy: Advocate for sound public policy solutions that support essential investments in public and private assets. | 9. Mobilize communities and members, locally and globally, to advocate in alignment to AMPP position statements.  
10. Solidify AMPP’s presence and participation as experts in credential and standards development. |

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OUTCOMES

- Increased participation from knowledge assets
- Increased marketplace awareness of career opportunities
- Enhanced member and customer value and experience
- Growth in AMPP’s programs, products, and services
- Increased organizational and member participation in advocacy initiatives
## 3 Year Goals and Objectives

<table>
<thead>
<tr>
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<th>Organizational Excellence</th>
<th>Sustainability</th>
<th>Advocacy</th>
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Outcomes

- Increased participation from knowledge assets
- Increased marketplace awareness of career opportunities
- Enhanced member and customer value and experience
- Growth in AMPP’s programs, products, and services
- Increased organizational and member participation in advocacy initiatives
Next Steps
Implementation of the Strategic Plan

Jan – Feb 2022
• Staff built implementation framework around Objective Key Results (OKRs) to monitor progress.
• Developing work teams for each strategic objective.

Feb – April 2022
• Publishing the Strategic Plan online and presenting to all Program Committees for alignment.
• Establishing regular meet-ups with member leaders to provide direction and evaluate progress.

May 2022 and beyond
• Regular engagement with AMPP constituencies.
• Annual portfolio reviews to align products, programs and services with the 3-year Strategic Plan.
AMPP Overview
AMPP By the Numbers*

- 1,010 corporate members
- 400 of standards and technical reports
- 600+ certified instructors
- 30,000+ members in 130 countries
- 45 Technical Committees
- 25 Standards Committees
- 425+ Standards Projects
- 1,100+ Standards Volunteers
- 1,388 education courses held in 42 countries 2021
- 80,178 certifications
- 15,277 in-person and on-line students

*Data is as of January 2022
Education
AMPP Education

Convenience and Quality
• Virtual and In-Person Courses
• Three Training Centers and dozens of course locations worldwide
• Flexible exam scheduling
• Qualified instructors with industry experience

Advancing the careers of:
• Craftworkers
• Cathodic Protection Engineers
• Coating Inspectors
• Coating Professionals
• Corrosion Engineers
• Marine and Navy Programs
• Pipeline Workers
Education Programs

• Cathodic Protection
• Coating Applicator/Craftworker
• Coating Inspector \(\text{(CIP and former PCI)}\)
  • Marine Coating Technology
• Corrosion Management
• Corrosion Technical Series Short Courses
• General Coatings
  • S-CAT

• General Corrosion
  • Basic Corrosion
  • Designing for Corrosion Control
• Protective Coating Specialist
• Pipeline Industry
  • Pipeline Integrity Management
  • In Line Inspection, Direct Assessment
• Refining Industry
• Ethics Course
Legacy-NACE Courses

- Basic Corrosion
- Internal Corrosion Advanced
- CP3 – Technologist
- CP Fundamentals: Math & Electricity
- CPC Management
- Math for the Coatings Professional
- Corrosion Under Insulation
- CP 2—CP Technician
- CP4 – Specialist
- Cathodic Protection (CP) 1—CP Tester
- (CIP) Level 1
- CIP Level 2
- CIP Level 2
- Internal Corrosion Advanced
- Basic Corrosion
- Internal Corrosion Basic
- Shipboard Corrosion Assessment Training (S-CAT)
- Ethics for Corrosion Professional
- Coating Inspector Program (CIP) Level 1

= In-Person
= Virtual
= Blended
Legacy-SSPC Courses

- Aerospace Coating Application Specialist Certification Program (ACAS)
- Fundamentals of Protective Coatings (C1)
- Aerospace Engineer Coating Application Training
- Ground Vehicle Corrosion/Protective Coatings
- Protective Coatings Inspector Program (PCI) Level 1
- NAVSEA Basic Paint Inspector (NBPI)
- Thermal Spray Applicator Training
- Surface Preparation and Paint Application for Shipboard Organizational Level Corrosion Control
- Aerospace Maintainer Coating Application Training (AERO MAIN)
- Basics of Steel Surface Preparation (BSSP)
- Plural Component Application for Polyureas and High Solid Coatings (PLURAL)

= In-Person
= Virtual
Certifications
What Sets AMPP Certifications Apart?

1. Candidates earn their certifications
2. AMPP certified professionals stand out, and above the competition
3. Developed by industry, for industry
4. AMPP certifications demonstrate a dedication to staying current in the matching professional field
5. Globally recognized
6. Secure Testing
Certification

• SSPC and NACE personnel certifications will continue to be recognized and supported

• Certification programs that overlap are being consolidated

• Existing certification holders will be provided a path to recertify

• Cardholders will recertify under their respective program for now

• A cardholder who holds overlapping certifications will be required to renew in only one of the certification programs
Accreditation

• The QP brand will be retained by AMPP
• SSPC QP program will serve as the basis of the future QP program
• Elements of NACE's NIICAP program will be integrated into QP
• Transition program for NIICAP contractors (currently in process)
Coatings Inspector Programs
Certification

All current SSPC and NACE personnel certifications are continuing to be recognized and supported through the combination process.

• Certification programs that overlap are being consolidated

• Existing certification holders are being provided a path to recertify into the continuing program when their certification comes due

• Until the AMPP certification programs are launched
  • Cardholders will recertify under their respective program
  • Cardholders with two overlapping certifications will be required to renew in only one of the certification programs
Coatings Inspector Certification

NACE CIP and SSPC PCI certification is transitioning to AMPP Coatings Inspector Program (CIP)

• The new AMPP coatings inspection certification program will maintain the CIP brand and have three levels:
  • Basic coatings inspector
  • Certified coatings inspector
  • Senior certified coatings inspector
Coatings Inspector Certification

• All cardholders in good standing (active status) will be grandfathered into the equivalent highest level achieved.

• AMPP will continue to recognize legacy PCI and CIP card holder credentials until industry has adopted AMPP CIP within current specifications.

• Operationally, inspector programs are immediately being consolidated under the CIP brand. Because it will take time to execute “AMPP CIP” branding with a multitude of stakeholders, “NACE CIP” will be the brand that is visible in AMPP materials.
Coatings Applicator Programs

The Global Leaders in Materials Protection at 33 Performance
Coatings Applicator Certification

SSPC CAS and NACE CCA certifications is transitioning to an AMPP Coatings Applicator Specialist (CAS) program.

- The new AMPP coatings applicator certification program will maintain the CAS brand and will have two levels:
  - Basic Coatings Applicator
  - Certified Applicator Specialist

- All cardholders in good standing (active status) will be grandfathered into the equivalent highest level achieved.

- AMPP will continue to recognize legacy SSPC CAS and NACE CCA card holder credentials until industry has adopted AMPP CAS within current specifications.

- Operationally, applicator programs are immediately being consolidated under the CAS brand. Because it will take time to execute “AMPP CAS” branding with a multitude of stakeholders, “SSPC CAS, C7, C12 and C14” will be the brand that is visible in AMPP materials.

- Coatings Applicator
Standards
Merger created an opportunity to combine NACE and SSPC’s valuable standards programs into what is now the AMPP Standards Program

The new AMPP Standards Program incorporates the best practices and experiences of our legacy organizations

Larger membership deepened the pool of volunteer leaders and subject matter experts who are the pillar of any successful standards program
Standards Program Activity

• All existing standards bearing the NACE or SSPC name will continue to be used without change.

• New standards developed since the merger bear the AMPP name.

• Work on standards governance, determining a decision tree, and developing a timeline is ongoing.
# Standards Projects Initiated Since Oct. 2020

<table>
<thead>
<tr>
<th>Document</th>
<th>Title</th>
<th>SC</th>
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</thead>
<tbody>
<tr>
<td>TR21515</td>
<td>Exterior Coating Inspections Via Remotely Operated Aerial Systems</td>
<td>02</td>
</tr>
<tr>
<td>TM21612</td>
<td>Performance Test Methods for Offshore Protective Coating Systems</td>
<td>03</td>
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<tr>
<td>SP21512</td>
<td>Internal Field Joint Coating Robotics</td>
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<tr>
<td>GUIDE21531</td>
<td>Guidelines for Selection &amp; Testing of Downhole Internal Liners and Coatings</td>
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<tr>
<td>SP21511</td>
<td>Laser Ablation for Metallic Surface Preparation</td>
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<td>Dry Ice Blasting on Metallic and Nonmetallic Substrates</td>
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<td>SP21523</td>
<td>Atmospheric Plasma Coating Removal and Surface Preparation</td>
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<td>SP21528</td>
<td>Power Tool Cleaning of Non-Ferrous Metals, Stainless Steels, and Galvanized Steels</td>
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<tr>
<td>TM21510</td>
<td>Polarization Curves: Material Preparation, Data Acquisition and Analysis</td>
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<td>TR21502</td>
<td>Sour Laboratory Test Environment Preparation and Verification</td>
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<td>TR21522</td>
<td>Corrosion Testing for Additive Manufacturing</td>
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<td>TR21524</td>
<td>Review of Material Requirement for Subsea Environmental Cracking and Sources of Information</td>
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<td>MR21525</td>
<td>Material Requirement for Subsea Equipment Versus Cathodic Protection and Environmental Cracking</td>
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## Standards Projects Initiated Since Oct. 2020 (2)

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<tbody>
<tr>
<td>SP21509</td>
<td>Degradation of Sealing Systems</td>
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<td>SP21521</td>
<td>Facilities Integrity Corrosion Management and Asset Selection</td>
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<td>TR21505</td>
<td>Adverse Impacts of Wildfires on Power Transmission Infrastructure Integrity</td>
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<tr>
<td>SP21533</td>
<td>Remote Inspections for Nuclear Spent Fuel Integrity</td>
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<tr>
<td>SP21513</td>
<td>Procedure for Determining Conformance to Concrete Surface Profile Requirements</td>
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<tr>
<td>SP21519</td>
<td>Achieving &amp; Maintaining a Saturated Surface Dry (SSD) Condition on Concrete Substrates</td>
<td>12</td>
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<tr>
<td>SP21520</td>
<td>Acceptance Criteria for Cathodic Protection of Steel in Concrete Structures</td>
<td>12</td>
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<tr>
<td>SP21526</td>
<td>Certified Inspector Requirements for FRP Field Applications to Reinforce and Strengthen Concrete and Steel Structures</td>
<td>12</td>
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<tr>
<td>TR21516</td>
<td>Corrosion Protection of Onshore In-field Oil and Gas Flowlines</td>
<td>14</td>
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<tr>
<td>SP21537</td>
<td>Downhole Chemical Application via Capillary Tubing, Gas Lift, and Umbilical</td>
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<tr>
<td>SP21534</td>
<td>Materials and Fabrication Requirements for Carbon Steel Equipment in Petroleum Refining Wet H₂S Environments</td>
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<td>MR21506</td>
<td>Universal Solvent Free Coating Definition for Maritime</td>
<td>19</td>
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<tr>
<td>SP21507</td>
<td>Sandwich Plate Composite Repair of Steel Structures</td>
<td>19</td>
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<tr>
<td>TR21517</td>
<td>Grooming and Remote Inspection of Ship Hull Surfaces</td>
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# Standards Projects Initiated Since Oct. 2020 (3)

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<tbody>
<tr>
<td>SP21508</td>
<td>Specification for batch treatment and continuous injection of corrosion inhibitor for oil and gas gathering pipelines</td>
<td>20</td>
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<tr>
<td>GUIDE 21532</td>
<td>Guidelines for Materials Selection for CO₂ Transport and Injection</td>
<td>20</td>
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<tr>
<td>GUIDE 21614</td>
<td>Improving the Precision of Dry Coating Thickness Measurements on Ferrous and Non-ferrous Metal Substrates Using Continuous Read/Scanning Technology</td>
<td>23</td>
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<tr>
<td>SP21530</td>
<td>Qualification of Individuals for Application of Epoxy Intumescent Coatings to Steel Surfaces</td>
<td>23</td>
</tr>
<tr>
<td>QP21536</td>
<td>QP BASE: Standard Procedure for Evaluating General Qualifications of Contractors Seeking QP Accreditation</td>
<td>25</td>
</tr>
</tbody>
</table>
AMPP Standards Committees
Technical Program Committee
The Technical Committee shall oversee the Center’s programs and initiatives intended to provide or enhance technical understanding.

Future includes, but not limited to:
- Workshops (Virtual and In-person)
- Communities of Interest
- Recommendations and focus on new and emerging technologies for all of the program areas.
Communities of Interest

• Technical communities focused on pointed discussions, technical information exchanges and events.
• Technical Communities of Interest for each of the following areas with sub-groups under each one:
  • Corrosion Management
  • Coatings
  • Cathodic Protection
  • Pipeline and Tanks
  • Defense
  • Infrastructure
  • Materials
  • Oil and Gas
  • Process Industry
  • Transportation
  • Utilities
EMERG The first E is the final E (pronounced “emerge”) as the life cycle begins again.

ENGAGE
Primary and Secondary Students
Introduce and inform students of the industry, the science behind it, and why it is important

GUIDE AND GIVE BACK
Those that have come through the program can mentor and guide the next generation through outreach programs to schools, community events, etc.

MAGNETIZE
High School students (both the craft worker and higher education paths) and veterans.
Show the intriguing and attractive elements of a career in the industry (salary, travel, advancement, etc.).

EDUCATE
Provide the education that they need to fulfill their respective career path (vocational options, education through the association, community college and university-level options)

RAISE
Provide the GPS for industry entry and the benefits of association membership.
Continue the partnership with career advancement information and training
### K-8th Grade Students
- Hands-on experiments
- Build relationships with teachers – outreach
- Career Day speakers
- Communication and Outreach to members

### High School Students
- **Trades Track**
  - Vocational craft training
  - Career Day Speakers
  - In-class presentations
  - Partnering with local industry
  - HS Counselor/ Teacher outreach program
- **Higher Ed Track**
  - Scholarship Program
  - C-Kit Program
  - HS Counselor/ Teacher
  - Career Day Speakers
  - In-class presentations
  - Local industry and universities

### University / Trade School Students
- Scholarship Program
- Student Memberships
- Travel Assistance
- Student Posters
- University curriculum modules

### Young Professionals
- Increase visibility during conference
- Career-minded networking events specific to them

### Transitioning Adults
- Workforce Development Program for U.S. Veterans

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**PHASE 1**

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<th>Young Professionals</th>
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<tr>
<td>Resources for teacher to use in-class</td>
<td>Roll-out pilot of vocational craft training</td>
<td>On-campus career days</td>
<td>Mentorships</td>
<td>Potential YP track at conference (leadership, training, networking, etc.)</td>
<td>Career entry programs and counseling for adults entering the industry at an older age or mid-career</td>
</tr>
<tr>
<td>Week-long summer camps</td>
<td>Toolkits for sections to host student events</td>
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<td>Internships</td>
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**PHASE 2**

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<tr>
<td>Expand vocational craft training</td>
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**Promote International Outreach, Diversity, and Career Entry Points**
EMERG Student Outreach

- **ENGAGE** with new markets to introduce our industry to younger students
- **MAGNETIZE** students to attract them into our industry
- **EDUCATE** and provide new learning/teaching resources to a wider and more diverse audience (including veterans)
- Continuously **RAISE** the skill sets and professional development of our students and young professionals to create a career-long partnership with AMPP
- **GUIDE** them to give back and foster new relationships with younger students locally to **ENGAGE** and begin the life cycle again
AMPP Membership
## Membership Tiers

### Individual
- Premium
- Standard
- Lifetime
- Young Professional
- Student

### Corporate
- Affiliate
- Associate
- Patron

Quality Pro Add On coming in 2022. Exclusive for AMPP Corporate Members.

Managed by Accreditation.
Upcoming Events
AMPP Annual Conference + Expo
📅 March 6 - 10, 2022
📍 San Antonio, TX

Influence the industry and stay up to date on the latest technology.
ace.ampp.org

FireCORR
📅 June 7-8, 2022
📍 Pasadena, TX

Environmental Degradation
📅 July 17 - 21, 2022
📍 Snowmass, CO

DoD Corrosion Prevention Technology and Innovation Symposium
📅 August 8 - 11, 2022
📍 Tucson, AZ
AMPP Media

- Materials Performance
- CORROSION Journal
- CoatingsPro
- Stay Current
- InspectThis!
- Infrastructure Insights
- Maritime News
- WaterCorr News
Digital Resources
Podcasts and Webcasts

Email Newsletters
- Corrosion CONTROLLED
- AMPP Corrosion and Coatings Press
- EAPA News
- European News
- LAA News
- WA&AA News
- China News